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03/27/01

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/788,051DATE: 03/15/2001  
TIME: 15:13:29Input Set : A:\es.txt  
Output Set: N:\CRF3\03152001\I788051.raw

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3 <110> APPLICANT: Godbole, Shubhada D
4      Kuo, Chiaoyun
5      Arterburn, Matthew C
6      Yeung, George
7      Palencia, Servando
8      Tang, Y. Tom
9      Liu, Chenghua
10     Drmanac, Radoje T
12 <120> TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CADHERIN-LIKE POLYPEPTIDES AND
13     POLYNUCLEOTIDES
15 <130> FILE REFERENCE: HYS-39
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/788,051
18 <141> CURRENT FILING DATE: 2001-02-16
20 <150> PRIOR APPLICATION NUMBER: US 09/560,875
21 <151> PRIOR FILING DATE: 2000-04-27
23 <150> PRIOR APPLICATION NUMBER: US 09/496,914
24 <151> PRIOR FILING DATE: 2000-02-03
26 <160> NUMBER OF SEQ ID NOS: 17
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71 ccaacacgct cattgaccca gcctatctgc ggcgagggcc cttcaaggat gtggcctctg      300
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77 tggactcccc tgcagagccca atcagataact ccactcctccc ccactcagat ccggaqccatt 480
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98 cctggcccaq cctcagcacc caggggcagt gaacagagcc ctggctggag tccaaac 177
100 atg tgg ggc ctg gtg agg ctc ctg ctg gcc tgg ctg ggt ggc tgg ggc 225
101 Met Trp Gly Leu Val Arg Leu Leu Leu Ala Trp Leu Gly Gly Trp Gly
102 1 5 10 15
104 tgc atg ggg cgt ctg gca gcc cca gcc cgg gcc tgg gca ggg tcc cgg 273
105 Cys Met Gly Arg Leu Ala Ala Pro Ala Arg Ala Trp Ala Gly Ser Arg
106 20 25 30
108 gaa cac cca ggg cct gct ctg ctg cgg act cga agg agc tgg gtc tgg 321
109 Glu His Pro Gly Pro Ala Leu Leu Arg Thr Arg Arg Ser Trp Val Trp
110 35 40 45
112 aac cag ttc ttt gtc att gag gaa tat gct ggt cca gag cct gtt ctc 369
113 Asn Gln Phe Phe Val Ile Glu Glu Tyr Ala Gly Pro Glu Pro Val Leu
114 50 55 60
116 att ggc aag ctg cac tgc gat gtt gac cgg gga gag ggc cgc acc aag 417
117 Ile Gly Lys Leu His Ser Asp Val Asp Arg Gly Glu Gly Arg Thr Lys
118 65 70 75 80
120 tac ctg ttg acc ggg gag ggg gca ggc acc gta ttt gtg att gat gag 465
121 Tyr Leu Leu Thr Gly Glu Gly Ala Gly Thr Val Phe Val Ile Asp Glu
122 85 90 95
124 gcc aca ggc aat att cat gtt acc aag agc ctt gac cgg gag gaa aag 513
125 Ala Thr Gly Asn Ile His Val Thr Lys Ser Leu Asp Arg Glu Glu Lys
126 100 105 110
128 gcg caa tat gtg cta ctg gcc caa gcc gtg gac cga gcc tcc aac cgg 561
129 Ala Gln Tyr Val Leu Leu Ala Gln Ala Val Asp Arg Ala Ser Asn Arg
130 115 120 125
132 ccc ctg gag ccc cca tca gag ttc atc atc aaa ggg caa gac atc aac 609
133 Pro Leu Glu Pro Pro Ser Glu Phe Ile Ile Lys Gly Glu Asp Ile Asn
134 130 135 140
136 gac aat cca ccc att ttt ccc ctt ggg ccc tac cat gcc acc gtg ccc 657
137 Asp Asn Pro Pro Ile Phe Pro Leu Gly Pro Tyr His Ala Thr Val Pro
138 145 150 155 160
140 gag atg tcc aat gtc ggg aca tca gtg atc cag gtg act gct cac gat 705
141 Glu Met Ser Asn Val Gly Thr Ser Val Ile Gln Val Thr Ala His Asp
142 165 170 175
144 gct gat gac ccc agc tat ggg aac agt gcc aag ctg gtg tac act gtt 753
145 Ala Asp Asp Pro Ser Tyr Gly Asn Ser Ala Lys Leu Val Tyr Thr Val

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150								
152	cgt	aca	gcc	atc	ccc	aac	atg	gac
153	Arg	Thr	Ala	Ile	Pro	Asn	Met	Asp
154								
156	gtg	gtg	atc	cag	gcc	aaq	gac	atg
157	Val	Val	Ile	Gln	Ala	Lys	Asp	Met
158	225							
160	ggc	aqc	act	acg	gtg	act	gtc	acq
161	Gly	Ser	Thr	Thr	Val	Thr	Val	Thr
162								
164	ccc	aaq	ttc	cca	cag	agc	cta	tac
165	Pro	Lys	Phe	Pro	Gln	Ser	Leu	Tyr
166								
168	gga	cct	ggc	aca	ctg	gtg	ggc	cgg
169	Gly	Pro	Gly	Thr	Leu	Val	Gly	Arg
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172	ggg	gac	aac	gcc	ctg	atg	qca	tac
173	Gly	Asp	Asn	Ala	Leu	Met	Ala	Tyr
174								
176	gag	gcc	ttc	agc	atc	agc	aca	gac
177	Glu	Ala	Phe	Ser	Ile	Ser	Thr	Asp
178	305							
180	act	gtc	cgc	aag	ccc	cta	gac	ttt
181	Thr	Val	Arg	Lys	Pro	Leu	Asp	Phe
182								
184	cgt	gtc	gag	gcc	acc	aac	acg	ctc
185	Arg	Val	Glu	Ala	Thr	Asn	Thr	Leu
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188	ggg	ccc	ttc	aaq	gat	gtg	gcc	tct
189	Gly	Pro	Phe	Lys	Asp	Val	Ala	Ser
190								
192	cca	gag	cca	cct	gcc	ttc	acc	cag
193	Pro	Glu	Pro	Pro	Ala	Phe	Thr	Gln
194								
196	gag	aac	aag	gcc	ccg	ggg	acc	ctg
197	Glu	Asn	Lys	Ala	Pro	Gly	Thr	Leu
198	385							
200	ctg	gac	tcc	cct	gcc	agc	cca	atc
201	Leu	Asp	Ser	Pro	Ala	Ser	Pro	Ile
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204	gat	ccg	gag	cgt	tgc	ttc	tct	atc
205	Asp	Pro	Glu	Arg	Cys	Phe	Ser	Ile
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208	aca	gca	gca	ccc	ctg	gat	cgc	gag
209	Thr	Ala	Ala	Pro	Leu	Asp	Arg	Glu
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213 Val Leu Ala Phe Glu Leu Gly Trp Ser Trp Gly Pro Glu Arg Gly Trp
214 450 455 460
216 qta cct ctt ctg qtt gct gag tgg agt qca cca qca gcc cca ccc cag 1617
217 Val Pro Leu Leu Val Ala Glu Trp Ser Ala Pro Ala Ala Pro Pro Gln
218 465 470 475 480
220 aqa agc cct gtt gga agc gct qtg gga atc ccc caa gac aqt tct qca 1665
221 Arg Ser Pro Val Gly Ser Ala Val Gly Ile Pro Gln Asp Ser Ser Ala
222 485 490 495
224 cag gcc tcg cgc gtg caa gtg gcc atc cag acc ctg gat gag aat gac 1713
225 Gln Ala Ser Arg Val Gln Val Ala Ile Gln Thr Leu Asp Glu Asn Asp
226 500 505 510
228 aat gct ccc cag ctg gct gag ccc tac gat act ttt gtg tgt gac tct 1761
229 Asn Ala Pro Gln Leu Ala Glu Pro Tyr Asp Thr Phe Val Cys Asp Ser
230 515 520 525
232 qca gct cct ggc caa ctg att caa gtc atc cgg gcc ctg gac aga gat 1809
233 Ala Ala Pro Gly Gln Leu Ile Gln Val Ile Arg Ala Leu Asp Arg Asp
234 530 535 540
236 gaa gtt ggc aac agt agc cat gtc tcc ttt caa ggt cct ctg ggc cct 1857
237 Glu Val Gly Asn Ser Ser His Val Ser Phe Gln Gly Pro Leu Gly Pro
238 545 550 555 560
240 gat gcc aac ttt act gtc cag gac aac cga gac ctg cct gca tgg ttc 1905
241 Asp Ala Asn Phe Thr Val Gln Asp Asn Arg Asp Leu Pro Ala Trp Phe
242 565 570 575
244 cat cca tta ctc atg gcc tca gcc tca tcc tgg ctc cac tgg cct cca 1953
245 His Pro Leu Leu Met Ala Ser Ala Ser Ser Trp Leu His Trp Pro Pro
246 580 585 590
248 gct gag aqa ggg aac cag cct gcc tcc cag ggc aag agc tcc agc ctc 2001
249 Ala Glu Arg Gly Asn Gln Pro Ala Ser Gln Gly Lys Ser Ser Ser Leu
250 595 600 605
252 ccg tgt ggc cgc ctc cct gga gct ctg ccc agc tgt cag ctt ccc ctg 2049
253 Pro Cys Gly Arg Leu Pro Gly Ala Leu Pro Ser Cys Gln Leu Pro Leu
254 610 615 620
256 ggc atc cca gcc ctg ggc att gtc ttg tgt gct tcc tga gggagtaggg 2098
257 Gly Ile Pro Ala Leu Gly Ile Val Leu Cys Ala Ser
258 625 630 635
260 aaaggaaaagg gggaggcggc tggggaaagg gaaagaggga ggaaggagg gggcctccat 2158
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280 Glu His Pro Gly Pro Ala Leu Leu Arg Thr Arg Arg Ser Trp Val Trp
281 35 40 45

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288 Ile Gly Lys Leu His Ser Asp Val Asp Arg Gly Glu Gly Arg Thr Lys
289 65      70      75      80
292 Tyr Leu Leu Thr Gly Glu Gly Ala Gly Thr Val Phe Val Ile Asp Glu
293      85      90      95
296 Ala Thr Gly Asn Ile His Val Thr Lys Ser Leu Asp Arg Glu Glu Lys
297      100      105      110
300 Ala Gln Tyr Val Leu Leu Ala Gln Ala Val Asp Arg Ala Ser Asn Arg
301      115      120      125
304 Pro Leu Glu Pro Pro Ser Glu Phe Ile Ile Lys Gly Gln Asp Ile Asn
305      130      135      140
308 Asp Asn Pro Pro Ile Phe Pro Leu Gly Pro Tyr His Ala Thr Val Pro
309 145      150      155      160
312 Glu Met Ser Asn Val Gly Thr Ser Val Ile Gln Val Thr Ala His Asp
313      165      170      175
316 Ala Asp Asp Pro Ser Tyr Gly Asn Ser Ala Lys Leu Val Tyr Thr Val
317      180      185      190
320 Leu Asp Gly Leu Pro Phe Phe Ser Val Asp Pro Gln Thr Gly Val Val
321      195      200      205
324 Arg Thr Ala Ile Pro Asn Met Asp Arg Glu Thr Gln Glu Glu Phe Leu
325      210      215      220
328 Val Val Ile Gln Ala Lys Asp Met Gly Gly His Met Gly Gly Leu Ser
329 225      230      235      240
332 Gly Ser Thr Thr Val Thr Val Thr Leu Ser Asp Val Asn Asp Asn Pro
333      245      250      255
336 Pro Lys Phe Pro Gln Ser Leu Tyr Gln Phe Ser Val Val Glu Thr Ala
337      260      265      270
340 Gly Pro Gly Thr Leu Val Gly Arg Leu Arg Ala Gln Asp Pro Asp Leu
341      275      280      285
344 Gly Asp Asn Ala Leu Met Ala Tyr Ser Ile Leu Asp Gly Glu Gly Ser
345      290      295      300
348 Glu Ala Phe Ser Ile Ser Thr Asp Leu Gln Gly Arg Asp Gly Leu Leu
349 305      310      315      320
352 Thr Val Arg Lys Pro Leu Asp Phe Glu Ser Gln Arg Ser Tyr Ser Phe
353      325      330      335
356 Arg Val Glu Ala Thr Asn Thr Leu Ile Asp Pro Ala Tyr Leu Arg Arg
357      340      345      350
360 Gly Pro Phe Lys Asp Val Ala Ser Val Arg Val Ala Val Gln Asp Ala
361      355      360      365
364 Pro Glu Pro Pro Ala Phe Thr Gln Ala Ala Tyr His Leu Thr Val Pro
365      370      375      380
368 Glu Asn Lys Ala Pro Gly Thr Leu Val Gly Gln Ile Ser Ala Ala Asp
369 385      390      395      400
372 Leu Asp Ser Pro Ala Ser Pro Ile Arg Tyr Ser Ile Leu Pro His Ser
373      405      410      415
376 Asp Pro Glu Arg Cys Phe Ser Ile Gln Pro Glu Glu Gly Thr Ile His
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380 Thr Ala Ala Pro Leu Asp Arg Glu Ala Arg Ala Trp His Asn Leu Thr

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VERIFICATION SUMMARY                      DATE: 03/15/2001  
PATENT APPLICATION:    US/09/788,051       TIME: 15:13:30

Input Set : A:\es.txt  
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